

Refine Search

Search Results -

Terms	Documents
L3 and model and subtract\$ and disturbance	23

Database:

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DATE: Monday, February 13, 2006 [Printable Copy](#) [Create Case](#)

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 result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR

<u>L4</u>	L3 and model and subtract\$ and disturbance	23	<u>L4</u>
<u>L3</u>	L2 and control\$ near system	89	<u>L3</u>
<u>L2</u>	L1 and "PID"	104	<u>L2</u>
<u>L1</u>	700/27-28.ccls.	1262	<u>L1</u>

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Search Results - Record(s) 1 through 23 of 23 returned.

☐ 1. Document ID: US 20040133286 A1

Using default format because multiple data bases are involved.

L4: Entry 1 of 23

File: PGPB

Jul 8, 2004

PGPUB-DOCUMENT-NUMBER: 20040133286

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040133286 A1

TITLE: Automatic control system

PUBLICATION-DATE: July 8, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Futatsugi, Takehiko	Annaka-shi		JP
Sato, Hiroo	Takasaki-shi		JP

US-CL-CURRENT: 700/28; 700/37

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWAC	Draw. De
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☐ 2. Document ID: US 20040049299 A1

L4: Entry 2 of 23

File: PGPB

Mar 11, 2004

PGPUB-DOCUMENT-NUMBER: 20040049299

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040049299 A1

TITLE: Integrated model predictive control and optimization within a process control system

PUBLICATION-DATE: March 11, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Wojsznis, Wilhelm	Round Rock	TX	US
Blevins, Terry	Round Rock	TX	US
Nixon, Mark	Round Rock	TX	US

US-CL-CURRENT: 700/29; 700/28

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. De
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☐ 3. Document ID: US 20040049295 A1

L4: Entry 3 of 23

File: PGPB

Mar 11, 2004

PGPUB-DOCUMENT-NUMBER: 20040049295

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040049295 A1

TITLE: Constraint and limit feasibility handling in a process control system
optimizer

PUBLICATION-DATE: March 11, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Wojsznis, Wilhelm	Austin	TX	US
Blevins, Terrence	Round Rock	TX	US
Nixon, Mark	Round Rock	TX	US
Wojsznis, Peter	Cedar Park	TX	US

US-CL-CURRENT: 700/28; 700/19, 700/52

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. De
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☐ 4. Document ID: US 20030028264 A1

L4: Entry 4 of 23

File: PGPB

Feb 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030028264

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030028264 A1

TITLE: Control system for plant

PUBLICATION-DATE: February 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Yasui, Yuji	Wako-shi		JP
Iwaki, Yoshihisa	Wako-shi		JP
Takahashi, Jun	Wako-shi		JP

US-CL-CURRENT: 700/29; 700/28

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. De
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☐ 5. Document ID: US 20030028262 A1

L4: Entry 5 of 23

File: PGPB

Feb 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030028262
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030028262 A1

TITLE: Control system for throttle valve actuating device

PUBLICATION-DATE: February 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Yasui, Yuji	Wako-shi		JP
Iwaki, Yoshihisa	Wako-shi		JP
Takahashi, Jun	Wako-shi		JP

US-CL-CURRENT: 700/28; 700/29

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw De
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☐ 6. Document ID: US 20030023328 A1

L4: Entry 6 of 23

File: PGPB

Jan 30, 2003

PGPUB-DOCUMENT-NUMBER: 20030023328
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030023328 A1

TITLE: Control apparatus, control method, and engine control unit

PUBLICATION-DATE: January 30, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Yasui, Yuji	Saitama-ken		JP

US-CL-CURRENT: 700/28; 700/40, 700/44, 701/103

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw De
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☐ 7. Document ID: US 20020128730 A1

L4: Entry 7 of 23

File: PGPB

Sep 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020128730
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020128730 A1

TITLE: Disturbance estimated type control system, gas compressor control system and

method of designing a disturbance estimated type control system

PUBLICATION-DATE: September 12, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Shimada, Akira	Chiba-shi		JP
Nonami, Kenzou	Chiba-shi		JP

US-CL-CURRENT: 700/29; 700/28, 700/30, 700/37, 700/39

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 8. Document ID: US 20020022903 A1

L4: Entry 8 of 23

File: PGPB

Feb 21, 2002

PGPUB-DOCUMENT-NUMBER: 20020022903

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020022903 A1

TITLE: Frequency domain auto-tune for an internal motor controller

PUBLICATION-DATE: February 21, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Krah, Jens Onno	Wuppertal	VA	DE
Ellis, George	Blacksburg		US

US-CL-CURRENT: 700/170; 700/28, 700/31, 700/37

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 9. Document ID: US 6988017 B2

L4: Entry 9 of 23

File: USPT

Jan 17, 2006

US-PAT-NO: 6988017

DOCUMENT-IDENTIFIER: US 6988017 B2

TITLE: Adaptive sampling method for improved control in semiconductor manufacturing

DATE-ISSUED: January 17, 2006

PRIOR-PUBLICATION:

DOC-ID	DATE
US 20050221514 A1	October 6, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Pasady; Alexander James	Austin	TX		US
Toprac; Anthony John	Austin	TX		US
Miller; Michael Lee	Austin	TX		US

US-CL-CURRENT: 700/121; 438/10, 438/14, 438/17, 438/5, 438/6, 700/106, 700/109,
700/110, 700/112, 700/117, 700/119, 700/173, 700/186, 700/28, 700/29, 700/30,
700/32, 700/48, 700/95

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw Da
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☐ 10. Document ID: US 6985809 B2

L4: Entry 10 of 23

File: USPT

Jan 10, 2006

US-PAT-NO: 6985809

DOCUMENT-IDENTIFIER: US 6985809 B2

TITLE: Control apparatus, control method, and engine control unit

DATE-ISSUED: January 10, 2006

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20030125865 A1

July 3, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yasui; Yuji	Saitama-ken			JP

US-CL-CURRENT: 701/109; 123/672, 123/679, 60/276, 60/285, 700/28, 700/29, 700/40,
700/44, 701/103

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw Da
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☐ 11. Document ID: US 6937910 B2

L4: Entry 11 of 23

File: USPT

Aug 30, 2005

US-PAT-NO: 6937910

DOCUMENT-IDENTIFIER: US 6937910 B2

TITLE: Method and a system for evaluating whether a signal is suitable for feed-forward control

DATE-ISSUED: August 30, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Petersson; Mikael	Lund			SE

US-CL-CURRENT: 700/44; 318/561, 700/28, 700/37, 700/39, 700/45, 700/46

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw. D.
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Jun 22, 2004

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draws	De
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Dec 23, 2003

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	K00C	Draw D
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☐ 14. Document ID: US 6082099 A

L4: Entry 14 of 23

File: USPT

Jul 4, 2000

US-PAT-NO: 6082099

DOCUMENT-IDENTIFIER: US 6082099 A

TITLE: Plant control system

DATE-ISSUED: July 4, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yasui; Yuji	Wako			JP
Akazaki; Shusuke	Wako			JP
Iwaki; Yoshihisa	Wako			JP

US-CL-CURRENT: 60/276; 123/674, 123/679, 60/285, 700/28, 700/54, 701/103

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KUMC	Drawn De
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☐ 15. Document ID: US 6079205 A

L4: Entry 15 of 23

File: USPT

Jun 27, 2000

US-PAT-NO: 6079205

DOCUMENT-IDENTIFIER: US 6079205 A

TITLE: Plant control system

DATE-ISSUED: June 27, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yasui; Yuji	Wako			JP
Akazaki; Shusuke	Wako			JP
Iwaki; Yoshihisa	Wako			JP

US-CL-CURRENT: 60/276; 123/674, 123/679, 60/285, 700/28, 700/54, 701/103

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KUMC	Drawn De
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☐ 16. Document ID: US 5877954 A

L4: Entry 16 of 23

File: USPT

Mar 2, 1999

US-PAT-NO: 5877954

DOCUMENT-IDENTIFIER: US 5877954 A

TITLE: Hybrid linear-neural network process control

DATE-ISSUED: March 2, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Klimasauskas; Casimir C.	Sewickley	PA		
Guiver; John P.	Pittsburgh	PA		

US-CL-CURRENT: 700/29; 700/28, 700/31, 700/48, 706/16, 706/23

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWNC	Draw Ds
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☐ 17. Document ID: US 5638267 A

L4: Entry 17 of 23

File: USPT

Jun 10, 1997

US-PAT-NO: 5638267

DOCUMENT-IDENTIFIER: US 5638267 A

TITLE: Method and apparatus for minimizing unwanted dynamics in a physical system

DATE-ISSUED: June 10, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Singhose; William E.	Pleasantville	NY		
Singer; Neil C.	Armonk	NY		
Derezinski, III; Stephen J.	Pleasantville	NY		
Rappole, Jr.; Bert W.	New York	NY		
Pasch; Kenneth	Kennebunkport	ME		

US-CL-CURRENT: 700/28

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWNC	Draw Ds
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☐ 18. Document ID: US 5627750 A

L4: Entry 18 of 23

File: USPT

May 6, 1997

US-PAT-NO: 5627750

DOCUMENT-IDENTIFIER: US 5627750 A

TITLE: Clutch slip control device and method of manufacturing the same, clutch slip control method, and vehicle control device

DATE-ISSUED: May 6, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kono; Katsumi	Toyota			JP
Ito; Hiroshi	Toyota			JP

Fukumura; Kagenori	Toyota	JP
Nakamura; Shinya	Asahi	JP
Osawa; Masataka	Nagoya	JP
Hibino; Ryoichi	Aichi-ken	JP
Yamada; Masatoshi	Nagoya	JP

US-CL-CURRENT: 701/67; 477/176, 477/86, 700/28, 700/45

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 19. Document ID: US 5568377 A

L4: Entry 19 of 23

File: USPT

Oct 22, 1996

US-PAT-NO: 5568377

DOCUMENT-IDENTIFIER: US 5568377 A

**** See image for Certificate of Correction ****

TITLE: Fast automatic tuning of a feedback controller

DATE-ISSUED: October 22, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Seem; John E.	Shorewood	WI		
Decious; Gaylon M.	Milwaukee	WI		

US-CL-CURRENT: 700/37; 700/28, 700/42

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 20. Document ID: US 5541832 A

L4: Entry 20 of 23

File: USPT

Jul 30, 1996

US-PAT-NO: 5541832

DOCUMENT-IDENTIFIER: US 5541832 A

TITLE: Control device for controlling a controlled apparatus, and a control method therefor

DATE-ISSUED: July 30, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nakajima; Masaaki	Hitachi			JP
Hattori; Satoshi	Hitachi			JP
Saito; Yutaka	Hitachi			JP
Katayama; Yasunori	Mito			JP

Morooka; Yasuo Hitachi JP
Kawakami; Junzo Mito JP

US-CL-CURRENT: 700/28; 700/148, 706/23, 706/900, 706/906

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 21. Document ID: US 5379210 A

L4: Entry 21 of 23

File: USPT

Jan 3, 1995

US-PAT-NO: 5379210

DOCUMENT-IDENTIFIER: US 5379210 A

TITLE: Natural tracking controller

DATE-ISSUED: January 3, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Grujic; Ljubomir T.	Villeneuve d'Ascq			FR
Mounfield, Jr.; William P.	Baton Rouge	LA		

US-CL-CURRENT: 700/28; 700/45

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 22. Document ID: US 5331565 A

L4: Entry 22 of 23

File: USPT

Jul 19, 1994

US-PAT-NO: 5331565

DOCUMENT-IDENTIFIER: US 5331565 A

TITLE: Control system having optimality decision means

DATE-ISSUED: July 19, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hattori; Satoshi	Hitachi			JP
Ueki; Shigeru	Tokyo			JP
Saito; Yutaka	Hitachi			JP
Manchu; Tetsuo	Hitachi			JP
Katayama; Yasunori	Mito			JP
Morooka; Yasuo	Hitachi			JP
Matsumoto; Hiroshi	Ibaraki			JP
Nakajima; Masaaki	Hitachi			JP

US-CL-CURRENT: 700/28; 706/900

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 23. Document ID: US 4719561 A

L4: Entry 23 of 23

File: USPT

Jan 12, 1988

US-PAT-NO: 4719561

DOCUMENT-IDENTIFIER: US 4719561 A

TITLE: Robust control apparatus responsive against disturbance

DATE-ISSUED: January 12, 1988

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Shigemasa; Takashi	Yokohama			JP

US-CL-CURRENT: 700/28; 700/31, 700/40, 700/42, 700/43

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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Terms

Documents

L3 and model and subtract\$ and disturbance

23

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L1 and control near (object or system) same ((mathematical near model) or (proportional near integral near derivative)) and subtract\$ and disturbance	3

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side by side			
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR</i>			
<u>L5</u>	L1 and control near (object or system) same ((mathematical near model) or (proportional near integral near derivative)) and subtract\$ and disturbance	3	<u>L5</u>
<u>L4</u>	L3 and model and subtract\$ and disturbance	23	<u>L4</u>
<u>L3</u>	L2 and control\$ near system	89	<u>L3</u>
<u>L2</u>	L1 and "PID"	104	<u>L2</u>
<u>L1</u>	700/27-28.ccls.	1262	<u>L1</u>

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Search Results - Record(s) 1 through 3 of 3 returned.

☐ 1. Document ID: US 20020128730 A1

Using default format because multiple data bases are involved.

L5: Entry 1 of 3

File: PGPB

Sep 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020128730

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020128730 A1

TITLE: Disturbance estimated type control system, gas compressor control system and method of designing a disturbance estimated type control system

PUBLICATION-DATE: September 12, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Shimada, Akira	Chiba-shi		JP
Nonami, Kenzou	Chiba-shi		JP

US-CL-CURRENT: 700/29; 700/28, 700/30, 700/37, 700/39

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw De
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☐ 2. Document ID: US 6026334 A

L5: Entry 2 of 3

File: USPT

Feb 15, 2000

US-PAT-NO: 6026334

DOCUMENT-IDENTIFIER: US 6026334 A

TITLE: Control system for cross-directional profile sheet formation

DATE-ISSUED: February 15, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kayihan; Ferhan	Tacoma	WA		
Arkun; Yaman	Atlanta	GA		

US-CL-CURRENT: 700/28

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KIMC	Draw De
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☐ 3. Document ID: US 5877954 A

L5: Entry 3 of 3

File: USPT

Mar 2, 1999

US-PAT-NO: 5877954

DOCUMENT-IDENTIFIER: US 5877954 A

TITLE: Hybrid linear-neural network process control

DATE-ISSUED: March 2, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Klimasauskas; Casimir C.	Sewickley	PA		
Guiver; John P.	Pittsburgh	PA		

US-CL-CURRENT: 700/29; 700/28, 700/31, 700/48, 706/16, 706/23

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RMC	Draw
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Terms	Documents
L1 and control near (object or system) same ((mathematical near model) or (proportional near integral near derivative)) and subtract\$ and disturbance	3

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Terms	Documents
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L6

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<u>Set</u> <u>Name</u> side by side	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR</i>			
<u>L6</u>	L1 and state near equation and transfer near function	9	<u>L6</u>
<u>L5</u>	L1 and control near (object or system) same ((mathematical near model) or (proportional near integral near derivative)) and subtract\$ and disturbance	3	<u>L5</u>
<u>L4</u>	L3 and model and subtract\$ and disturbance	23	<u>L4</u>
<u>L3</u>	L2 and control\$ near system	89	<u>L3</u>
<u>L2</u>	L1 and "PID"	104	<u>L2</u>
<u>L1</u>	700/27-28.ccls.	1262	<u>L1</u>

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Terms	Documents
L6 and mathematical near model	5

Database:

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L7

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<u>L7</u>	L6 and mathematical near model	5	<u>L7</u>
<u>L6</u>	L1 and state near equation and transfer near function	9	<u>L6</u>
<u>L5</u>	L1 and control near (object or system) same ((mathematical near model) or (proportional near integral near derivative)) and subtract\$ and disturbance	3	<u>L5</u>
<u>L4</u>	L3 and model and subtract\$ and disturbance	23	<u>L4</u>
<u>L3</u>	L2 and control\$ near system	89	<u>L3</u>
<u>L2</u>	L1 and "PID"	104	<u>L2</u>
<u>L1</u>	700/27-28.ccls.	1262	<u>L1</u>

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Search Results - Record(s) 1 through 5 of 5 returned.

☐ 1. Document ID: US 20020128730 A1

Using default format because multiple data bases are involved.

L7: Entry 1 of 5

File: PGPB

Sep 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020128730

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020128730 A1

TITLE: Disturbance estimated type control system, gas compressor control system and method of designing a disturbance estimated type control system

PUBLICATION-DATE: September 12, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Shimada, Akira	Chiba-shi		JP
Nonami, Kenzou	Chiba-shi		JP

US-CL-CURRENT: [700/29](#); [700/28](#), [700/30](#), [700/37](#), [700/39](#)

Full	Title	Citation	Front	Review	Classification	Data	Reference	Sequences	Attachments	Claims	K000	Draw Dg
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☐ 2. Document ID: US 6751510 B1

L7: Entry 2 of 5

File: USPT

Jun 15, 2004

US-PAT-NO: 6751510

DOCUMENT-IDENTIFIER: US 6751510 B1

TITLE: Predictive and self-tuning PI control apparatus for expanded process control applications

DATE-ISSUED: June 15, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tan; Kok Kiong	Singapore			SG
Lee; Tong Heng	Singapore			SG
Huang; Sunan	Singapore			SG
Wang; Qing Guo	Singapore			SG

US-CL-CURRENT: 700/41; 318/609, 318/610, 700/28, 700/31, 700/37, 700/42, 700/45

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMOC	Draw De
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☐ 3. Document ID: US 6691073 B1

L7: Entry 3 of 5

File: USPT

Feb 10, 2004

US-PAT-NO: 6691073

DOCUMENT-IDENTIFIER: US 6691073 B1

**** See image for Certificate of Correction ****

TITLE: Adaptive state space signal separation, discrimination and recovery

DATE-ISSUED: February 10, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Erten; Gamze	Okemos	MI		
Salam; Fathi M.	Okemos	MI		

US-CL-CURRENT: 702/190; 367/129, 367/43, 367/45, 367/56, 379/386, 379/388.06,
379/390.02, 379/390.03, 381/94.1, 381/99, 700/173, 700/28, 700/44, 700/73, 702/197,
702/39, 702/54, 702/74

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMOC	Draw De
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☐ 4. Document ID: US 5959861 A

L7: Entry 4 of 5

File: USPT

Sep 28, 1999

US-PAT-NO: 5959861

DOCUMENT-IDENTIFIER: US 5959861 A

TITLE: Adaptive robust control device

DATE-ISSUED: September 28, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kaneko; Junji	Kawasaki			JP

US-CL-CURRENT: 700/29; 700/159, 700/160, 700/195, 700/28

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMOC	Draw De
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☐ 5. Document ID: US 5379210 A

L7: Entry 5 of 5

File: USPT

Jan 3, 1995

US-PAT-NO: 5379210

DOCUMENT-IDENTIFIER: US 5379210 A

TITLE: Natural tracking controller

DATE-ISSUED: January 3, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Grujic; Ljubomir T.	Villeneuve d'Ascq			FR
Mounfield, Jr.; William P.	Baton Rouge	LA		

US-CL-CURRENT: 700/28; 700/45

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw Dc
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Terms

Documents

L6 and mathematical near model

5

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L7 and disturbance	3

Database:

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 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L8

Search History

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<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR</i>			
<u>L8</u>	L7 and disturbance	3	<u>L8</u>
<u>L7</u>	L6 and mathematical near model	5	<u>L7</u>
<u>L6</u>	L1 and state near equation and transfer near function	9	<u>L6</u>
<u>L5</u>	L1 and control near (object or system) same ((mathematical near model) or (proportional near integral near derivative)) and subtract\$ and disturbance	3	<u>L5</u>
<u>L4</u>	L3 and model and subtract\$ and disturbance	23	<u>L4</u>
<u>L3</u>	L2 and control\$ near system	89	<u>L3</u>
<u>L2</u>	L1 and "PID"	104	<u>L2</u>
<u>L1</u>	700/27-28.ccls.	1262	<u>L1</u>

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Search Results - Record(s) 1 through 3 of 3 returned.

☐ 1. Document ID: US 20020128730 A1

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L8: Entry 1 of 3

File: PGPB

Sep 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020128730

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020128730 A1

TITLE: Disturbance estimated type control system, gas compressor control system and method of designing a disturbance estimated type control system

PUBLICATION-DATE: September 12, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Shimada, Akira	Chiba-shi		JP
Nonami, Kenzou	Chiba-shi		JP

US-CL-CURRENT: [700/29](#); [700/28](#), [700/30](#), [700/37](#), [700/39](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw De
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☐ 2. Document ID: US 5959861 A

L8: Entry 2 of 3

File: USPT

Sep 28, 1999

US-PAT-NO: 5959861

DOCUMENT-IDENTIFIER: US 5959861 A

TITLE: Adaptive robust control device

DATE-ISSUED: September 28, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kaneko, Junji	Kawasaki			JP

US-CL-CURRENT: [700/29](#); [700/159](#), [700/160](#), [700/195](#), [700/28](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw De
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☐ 3. Document ID: US 5379210 A

L8: Entry 3 of 3

File: USPT

Jan 3, 1995

US-PAT-NO: 5379210

DOCUMENT-IDENTIFIER: US 5379210 A

TITLE: Natural tracking controller

DATE-ISSUED: January 3, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Grujic; Ljubomir T.	Villeneuve d'Ascq			FR
Mounfield, Jr.; William P.	Baton Rouge	LA		

US-CL-CURRENT: 700/28; 700/45

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	MMO	Draw D
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Terms	Documents
L7 and disturbance	3

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Your wildcard search against 10000 terms has yielded the results below.

Your result set for the last L# is incomplete.

The probable cause is use of unlimited truncation. Revise your search strategy to use limited truncation.

Search Results -

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L8 and control\$	3

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 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L9

Refine Search

Recall Text

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<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> <u>result</u> <u>set</u>
side by side			
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR			
<u>L9</u>	L8 and control\$	3	<u>L9</u>
<u>L8</u>	L7 and disturbance	3	<u>L8</u>
<u>L7</u>	L6 and mathematical near model	5	<u>L7</u>
<u>L6</u>	L1 and state near equation and transfer near function	9	<u>L6</u>
<u>L5</u>	L1 and control near (object or system) same ((mathematical near model) or (proportional near integral near derivative)) and subtract\$ and disturbance	3	<u>L5</u>
<u>L4</u>	L3 and model and subtract\$ and disturbance	23	<u>L4</u>
<u>L3</u>	L2 and control\$ near system	89	<u>L3</u>
<u>L2</u>	L1 and "PID"	104	<u>L2</u>
<u>L1</u>	700/27-28.ccls.	1262	<u>L1</u>

END OF SEARCH HISTORY